



VERSION WITH MARKINGS TO SHOW CHANGES MADE

13. (Amended) A communication device operation to receive a plurality of training sequences on a plurality of channels, the communication device comprising:

means for performing transform operations on both a replica of a signal sequence s_n and a received training sequence y_n received by the communication device in at least one burst, the received training sequence y_n being the signal sequence as received through a channel, the transform operations arranged to generate a multiplicity of signal sequence frequency bins and a multiplicity of training sequence frequency bins;

means for performing point-by-point operations between corresponding signal sequence frequency bins and training sequence frequency bins; and

means for concatenating the point-by-point operations associated with the channel to provide a composite frequency response for the channel, the composite frequency response allowing, in the time domain, generation of the channel impulse response for the channel.

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